

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: August 27, 2001, 17:54:39 ; Search time 120.98 Seconds  
(Without alignments)  
1096.934 Million cell updates/sec

Title: US-09-784-340-3\_COPY\_7800\_8500  
Perfect score: 701  
Sequence: 1 gttgtgcgaagtgcagaaa.....tagattccagaataa 701

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 324599 seqs, 9465562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*  
1: /cgn2\_6/prodata/2/lna/5A\_COMB.seq:\*  
2: /cgn2\_6/prodata/2/lna/5B\_COMB.seq:\*  
3: /cgn2\_6/prodata/2/lna/6A\_COMB.seq:\*  
4: /cgn2\_6/prodata/2/lna/6B\_COMB.seq:\*  
5: /cgn2\_6/prodata/2/lna/PCTUS\_COMB.seq:\*  
6: /cgn2\_6/prodata/2/lna/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	55.6	7.9	7218	1	US-08-232-463-14
C 2	37.4	5.3	5433	3	US-08-929-329-1
C 3	34	4.9	1720	3	US-08-655-352-11
C 4	34	4.9	4937	2	US-08-622-166A-3
C 5	33	4.7	3126	3	US-08-929-329-2
C 6	32.8	4.7	1915	3	US-09-120-365-2
C 7	32.8	4.7	1915	4	US-09-515-039-2
C 8	32.8	4.7	1915	3	US-09-120-365-88
C 9	32.8	4.7	1916	4	US-09-515-039-88
C 10	32.4	4.6	5852	1	US-07-867-106-2
C 11	32.2	4.6	998	4	US-09-122-400B-5
C 12	31.8	4.5	1293	4	US-08-313-412-2
C 13	31.6	4.5	1649	1	US-07-961-522-9
C 14	31.6	4.5	1649	1	US-08-217-438-8
C 15	31.6	4.5	1649	1	US-08-321-978-9
C 16	31.6	4.5	1649	2	US-08-710-584-9
C 17	31.6	4.5	3112	4	US-09-318-448-9
C 18	31.4	4.5	591	4	US-08-149-101A-4
C 19	31.4	4.5	591	5	PCT-US94-12873-4
C 20	31.4	4.5	2124	6	5428012-1
C 21	31.4	4.5	2124	6	5451506-1
C 22	31.4	4.5	3986	2	US-08-627-254C-27
C 23	31.4	4.5	4160	4	US-09-341-678-5
C 24	30.8	4.4	87350	3	US-08-781-891-79
C 25	30.6	4.4	7739	4	US-09-195-966-1
C 26	30.6	4.4	7745	1	US-08-299-675-1
C 27	30.6	4.4	7745	1	US-08-485-241-1

C 28	30.6	4.4	7745	2	US-08-874-162-1	Sequence 1, Appl
C 29	30.6	4.4	9636	1	US-08-333-170B-7	Sequence 1, Appl
C 30	30.4	4.3	2448	1	US-08-526-964-2	Sequence 2, Appl
C 31	30.4	4.3	2448	2	US-08-946-617-2	Sequence 2, Appl
C 32	30.4	4.3	2448	3	US-09-031-897-2	Sequence 2, Appl
C 33	30.4	4.3	3095	6	5231168-1	Patent No. 5231168
C 34	30.4	4.3	9048	3	US-08-973-273-4	Sequence 4, Appl
C 35	30.2	4.3	2914	1	US-08-199-152-4	Sequence 4, Appl
C 36	30.2	4.3	7493	1	US-08-212-133A-7	Sequence 7, Appl
C 37	30.2	4.3	7493	1	US-08-474-503-5	Sequence 5, Appl
C 38	30.2	4.3	7493	2	US-08-670-707A-5	Sequence 5, Appl
C 39	30.2	4.3	7493	5	US-09-037-601-5	Sequence 5, Appl
C 40	30.2	4.3	7493	5	PCT-US94-13200-5	Sequence 5, Appl
C 41	30	4.3	731	1	US-08-451-405A-2	Sequence 2, Appl
C 42	30	4.3	1117	2	US-08-960-022-1	Sequence 1, Appl
C 43	30	4.3	3549	4	US-09-381-862-1	Sequence 1, Appl
C 44	29.8	4.3	1036	2	US-08-929-417-1	Sequence 1, Appl
C 45	29.8	4.3	1103	4	US-09-122-400B-20	Sequence 20, Appl

# ALIGNMENTS

RESULT 1  
US-08-232-463-14/c  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
APPLICANT: DORNER, F.  
APPLICANT: SCHEIFLINGER, F.  
APPLICANT: FALKNER, F. G.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,463  
CLASSIFICATION: 435  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/935,313  
FILING DATE:  
APPLICATION NUMBER: EP 91 114 300.6  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7218 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: pTZgpt-Fls  
US-08-232-463-14

Query Match 7.9%; Score 55.6; DB 1; Length 7218;  
Best Local Similarity 8.7%; Pred. No. 4e-07; Mismatches 196; Indels 0; Gaps 0;  
Matches 40; Conservative 222; Mismatches 196; Indels 0; Gaps 0;

QY 116 aggaagaagaattctctggaagaacattcaacaaatgaatgagacagaaga 175  
DB 1430 RR 1371  
QY 176 gagtgaagatctatgagcaaatgttaactggatccgggtgttaactagtggtc 235  
DB 1370 RR 1311  
QY 236 tccaatggaggaactgtaattgtatgttaatgcaagcagcaaatgcatcagga 295  
DB 1310 RR 1251  
QY 296 ttctgagacgaagaatagcacttggtgcatctgcacgaatcgtatgattcaa 355  
DB 1250 RR 1191  
QY 356 gcccaagtagctgtatctatgtctataggtgtgtaccagagagagtgtaagt 415  
DB 1190 RR 1131  
QY 416 aaaaatcccgactgaacacatgaggaatggaaggatggaagatttaacggtgc 475  
DB 1130 RR 1071  
QY 476 agtgttgaacgaactgctctgtatgtatgaaatcaactatatttaagtctaac 535  
DB 1070 RRRRRATCGCAAGCTCCCTCGACCTCGACGAAGCTCGCAATTAATTTCTGTGAGCGCTATG 535  
QY 536 cagacaacataaattataagaattaccacaatagct 573  
DB 1010 CAACGAAGAATAAATAGTATATAGCCGCGACTCGAT 973

RESULT 2  
US-08-929-329-1  
Sequence 1, Application US/08929329  
Patent No. 6120770  
GENERAL INFORMATION:  
APPLICANT: Adams, John H  
APPLICANT: Dalton, John P  
APPLICANT: Kappe, Stefan  
TITLE OF INVENTION: Plasmodium Proteins Useful for Preparing  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Barnes & Thornburg  
STREET: 11 S Meridian  
CITY: Indianapolis  
STATE: Indiana  
COUNTRY: USA  
ZIP: 46204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/929,329  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Breen, John P  
REGISTRATION NUMBER: 38,833  
REFERENCE/DOCKET NUMBER: 835910-28685  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (317) 231-7745  
TELEFAX: (317) 231-7433  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:

LENGTH: 5433 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHEICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Plasmodium yoelii

US-08-929-329-1

Query Match 5.3%; Score 37.4; DB 3; Length 5433;  
Best Local Similarity 50.9%; Pred. No. 0.11;  
Matches 89; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 442 aaatggaagaggtggaagatttaaacggtgcaagtccttaagacctgtctgt 501  
DB 2409 AAACATAAAAGTAAATGTTATTTGCTTTATGCTTTAC 306CGATTTGGATCTAAT 2468  
QY 502 atggaatcaactatatttaaatgcatagccagacataaattataagaatt 561  
DB 2469 ATTCAAAAGTAAATAATATTATTAATCAGACCAATATACATTACCAATGTTT 2528  
QY 562 accacaatgctatgtaacaaactggtttcaactatctacagagtgaaag 616  
DB 2529 AATCCATCATCAATATAAAATAATTACTTGATGTTATATATGTTATGTTTAC 2583

RESULT 3  
US-08-655-352-11  
Sequence 11, Application US/08655352  
Patent No. 6077991  
GENERAL INFORMATION:  
APPLICANT: Bachetlira W. Poovaiah, Zhijua Lin,  
APPLICANT: Shameekumar Patil, Daisuke Takezawa  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kiarquist Sparkman Campbell Leigh &  
ADDRESS: Whinston, LLP  
STREET: One World Trade Center  
STREET: 121 S.W. Salmon Street  
STREET: Suite 1600  
CITY: Portland  
STATE: Oregon  
COUNTRY: United States of America  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk, 3-1/2 inch  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/655,352  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/323,449  
FILING DATE: October 14, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dow, Alan E.  
REGISTRATION NUMBER: 35,123  
REFERENCE/DOCKET NUMBER: 4630-45000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 226-7391  
TELEFAX: (503) 228-9446  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1720 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double stranded

ORIGINAL SOURCE:

NTI-SENSE: NO

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; ORIGINAL SOURCE:
; ORGANISM: Plasmodium berghei
US-08-929-329-2

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[illegible]

```

RESULT 6
US-09-120-365-2/c
: Sequence 2, Application US/09120365
: Patent No. 6103514
: GENERAL INFORMATION:
: APPLICANT: Natotri, Shunji
: TITLE OF INVENTION: NEW PROTEASE
: FILE REFERENCE: 32290-144749
: CURRENT APPLICATION NUMBER: US/09/120,365
: CURRENT FILING DATE: 1998-07-22
: EARLIER APPLICATION NUMBER: JP 9-333 474
: EARLIER FILING DATE: 1997-11-18
: NUMBER OF SEQ ID NOS: 101
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 2
: LENGTH: 1915
: TYPE: DNA
: ORGANISM: Sarcophaga peregrina
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (130)..(179)
: US-09-120-365-2

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Query Match	Similarity	4.7%	Score 32.8	DB 3	length 1915
Best Local	Similarity	52.1%	Pred. No. 1.6	Mismatches	67
Matches	73	Conservative	0	Mismatches	67
				Indels	0
				Gaps	0
QY	505	gaaaatcgaactatattttaaagtcgatgcagacaacataaattaaagaattacc	564		
DB	1829	GAAATTTAAAGCATTTTATTAAGCTTTAAGCAGACCATCATATGCTTACATCTCTCA	1770		
QY	565	acaatagctagtggttaacaactactggttaactacttaactacagagtgaagaacccct	624		
DB	1769	TAAAGTGGCGATGTCATATAACCCGCAATTTATTTTACGGCGACACATTAAATATAMCCA	1710		
QY	625	cattcccatatttatgaaa	644		
DB	1709	TCATTGCCCAATTAAGTAGA	1690		

RESULT: 7  
US-09-515-039-2/c  
; Sequence 2, Application US/09515039  
; Patent No. 6214559  
; GENERAL INFORMATION:  
; APPLICANT: Natof, Shunji  
; TITLE OF INVENTION: NEW PROTEASE  
; FILE REFERENCE: 32290-144749  
; CURRENT APPLICATION NUMBER: US/09/515,039  
; CURRENT FILING DATE: 2000-03-06

? EARLIER APPLICATION NUMBER: 9-333 47  
 ? EARLIER FILING DATE: 1997-11-18  
 ? NUMBER OF SEQ. ID NOS: 101  
 ? SOFTWARE: PatentIn Ver. 2.0  
 ? SEQ. ID NO. 2  
 ? LENGTH: 1915  
 ? TYPE: DNA  
 ? ORGANISM: *Sarcophaga peregrina*  
 ? FEATURE:  
 ? NAME/KEY: CDS  
 ? LOCATION: (130)..(1779)  
 ? US-03-515-039-2

Query Match	Best Local Match	Similarity	4.7%: 52.1%	Score 32.8	DB 4	Length 1915
Matches	73	Conservative	0	Mismatches	67	Indels
						Gaps
						0
Oy	505	gaaattcaactatattttaa	atgcatagcagacaacat	taaaatlataagaattacc	564	
Db	1829	GAAAATTAAAGTCATTTT	ATAAAGCTTTAAAGCACA	GCATCATATGCTTACATCT	CTACA	1770
Oy	565	acaatagcatagtgtaaca	atactgggttacctatact	atagcaggtggaagaaacct	624	
Db	1769	TAAAGGGCATGTCATTA	ACACCGCATATTATTTT	TACGGCCAGACATTAAT	TATAACCA	1710
Oy	625	cattcccatatttaga	aaa 644			
Db	1709	TCATTGCCCAATTAAG	TAGA 1690			

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RESULT 8
US-09-120-365-88/c
: Sequence 88, Application US/09120365
: Patent No. 6103514
: GENERAL INFORMATION:
: APPLICANT: Natoli, Shunji
: TITLE OF INVENTION: NEW PROTEASE
: FILE REFERENCE: 32290-144749
: CURRENT APPLICATION NUMBER: US/09/120,365
: CURRENT FILING DATE: 1998-07-22
: EARLIER APPLICATION NUMBER: 97-333 474
: EARLIER FILING DATE: 1997-11-18
: NUMBER OF SEQ ID NOS: 101
: SOFTWARE: Patentln Ver. 2.0
: SEQ ID NO 88
: LENGTH: 1916
: TYPE: DNA
: ORGANISM: Sarcophaga peregrina
US-09-120-365-88

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	Query Match	Similarity	Score	DB %	Length
Best Local Similarity	52.1%	Pred. No.	1.6,		
Matches	73	Conservative	0	Mismatches   67;	Indels 0; Gaps 0
Oy	505	gaaatcaactataattttaatgcatacgacagacaataaattlaagaattacc	564		
Dd	1829	GAAATTTAAGCATTCTTATTAAGCTTTAAGGACACCATCATATGCGTTACTCTCA	1770		
Oy	565	acaatagtatgytgaactactgggttaacctatactaagagtgaagaagaacct	624		
Dd	1769	TAAAGGGGCATGTTCATAACCCGCATTAATTTTACGGCGACATTTAAATATATMCCA	1710		
Oy	625	cattcccatatttatgtaa	644		
Dd	1709	TCATTGCCCCCAATAAGTAGA	1690		

RESULT 9  
US-09-515-039-88/c  
; Sequence 88, Application US/09515039  
; Patent No. 6214599



1 ADDRESS: ROBERTA L. ROBINS  
2 STREET: 635 BRYANT STREET  
3 CITY: PALO ALTO  
4 STATE: CALIFORNIA  
5 COUNTRY: UNITED STATES OF AMERICA  
6 ZIP: 94301  
7  
8 COMPUTER READABLE FORM:  
9 MEDIUM TYPE: Floppy disk  
10 COMPUTER: IBM PC compatible  
11 OPERATING SYSTEM: PC-DOS/MS-DOS  
12 SOFTWARE: PatentIn Release #1.0, Version  
13 CURRENT APPLICATION DATA:  
14 APPLICATION NUMBER: US/07/961,522  
15 FILING DATE: 19921015  
16  
17 CLASSIFICATION: 435  
18  
19 ATTORNEY/AGENT INFORMATION:  
20 NAME: ROBINS, ROBERTA L.  
21 REGISTRATION NUMBER: 33,208  
22 REFERENCE/DOCKET NUMBER: 9000-0015.20  
23 TELECOMMUNICATION INFORMATION:  
24 TELEPHONE: (415) 617-3231  
25 TELEFAX: (415) 327-3231  
26 INFORMATION FOR SEQ ID NO: 9:  
27  
28 SEQUENCE CHARACTERISTICS:  
29 LENGTH: 1649 base pairs  
30 TYPE: NUCLEIC ACID  
31 STRANDEDNESS: double  
32 TOPOLOGY: linear  
33  
34 MOLECULE TYPE: DNA (genomic)  
35  
36 US-07-961-522-9

Query Match	4.58;	Score 31.6;	DB:1;	length 1649;
Best Local Similarity	56.98;	Pred. No. 3.5;	;	
Matches 58;	Conservative 0;	Mismatches 11;	Indels 0;	Gaps 0;

QY	135	gggaaagacatcaccatgatgagaaaccaaagaaag	176
Db	103	ATGGATGCAACCGAATGATTTAAATGGCAGCAAAATATAG	144
Db	43	ATGTTTAGCAAAAAAGATGGTATCTAGAGCAAGTCCAACTGTGTACAAAAAATACGT	102
QY	13	atcttcagagaaagaatcagccctccctgttaagagcatt	34
		ggaaagaagaattctc	134

RESULT 14  
 US-08-217-438-8  
 : Sequence 8, Application US/08217438  
 : Patent No. 5521072  
 :  
 : GENERAL INFORMATION:  
 :  
 : APPLICANT: Potter, Andrew A.  
 : APPLICANT: Gerlach, Gerald F.  
 : APPLICANT: Willson, Philip J.  
 : APPLICANT: Rossi-Campos, Amalia  
 : TITLE OF INVENTION: ACTINOBACILLUS PLEUROPEUMONIAE  
 : TITLE OF INVENTION: TRANSFERLIN BINDING PROTEINS AND USES THEREOF  
 : NUMBER OF SEQUENCES: 11  
 :  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESSEE: Reed & Robins  
 : STREET: 635 Bryant Street  
 : CITY: Palo Alto  
 : STATE: California  
 : COUNTRY: USA  
 : ZIP: 94301  
 :  
 : COMPUTER READABLE FORM:  
 : MEDIUM TYPE: Floppy disk  
 : COMPUTER: IBM PC compatible  
 : OPERATING SYSTEM: PC-DOS/MS-DOS  
 : SOFTWARE: Patentin Release #1.0, Version #1.25  
 : CURRENT APPLICATION DATA:  
 : APPLICATION NUMBER: US/08/217,438  
 : FILING DATE: 22-MAR-1994  
 : CLASSIFICATION: 435

```
ATTORNEY/AGENT INFORMATION:
NAME: Robins, Roberta L.
REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 9001-0015.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-617-8999
TELEFAX: 415-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1649 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-217-438-8

Query Match      4.5%; Score 31.6; DB 1; Length 1649;
Best Local Similarity 56.9%; Pred. No. 3.5;
Matches 58; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 75 attctagagaaagagttcagcatcccttgtaaggccactagagaagaaattctct 134
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 43 ATGTTTAGAGAAAAAGGATGATCTAGAGCAAGTCCAGTGTGTGAAGAAAAATACGT 102

QY 135 gggaaaagcattcaaccatgaatgagagcacaagaagag 176
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 103 ATGGAATGAACCGAATGTATTAAATGCCGACCAAAATATAG 144

RESULT 15
US-08-321-978-9
; Sequence 9, Application US/08321978
; Patent No. 5801018
; GENERAL INFORMATION:
; APPLICANT: POTTER, ANDREW A.
; APPLICANT: GERLACH, GERALD F.
; APPLICANT: WILSON, PHILIP J.
; APPLICANT: ROSSI-CAMPOS, AMALIA
; TITLE OF INVENTION: VACCINES FOR ACTINOBACILLUS
; TITLE OF INVENTION: PLEUROPNEUMONIAE
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROBERTA L. ROBINS
; STREET: 285 HAMILTON AVE, SUITE 200
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/321,978
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: ROBINS, ROBERTA L.
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 9001-0015.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 327-3400
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1649 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-321-978-9
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Query Match      4.5%; Score 31.6; DB 1; Length 1649;
Best Local Similarity 56.9%; Pred. No. 3.5;
Matches 58; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 75 attctagagaaagagttcagcatcccttgtaaggccactagagaagaaattctct 134
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 43 ATGTTTAGAGAAAAAGGATGATCTAGAGCAAGTCCAGTGTGTGAAGAAAAATACGT 102

QY 135 gggaaaagcattcaaccatgaatgagagcacaagaagag 176
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 103 ATGGAATGAACCGAATGTATTAAATGCCGACCAAAATATAG 144
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Search completed: August 27, 2001, 17:54:49  
Job time: 8477 sec

Tue Aug 28 10:04:35 2001

us-09-784-340-3\_copy\_7800\_8500.rni

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